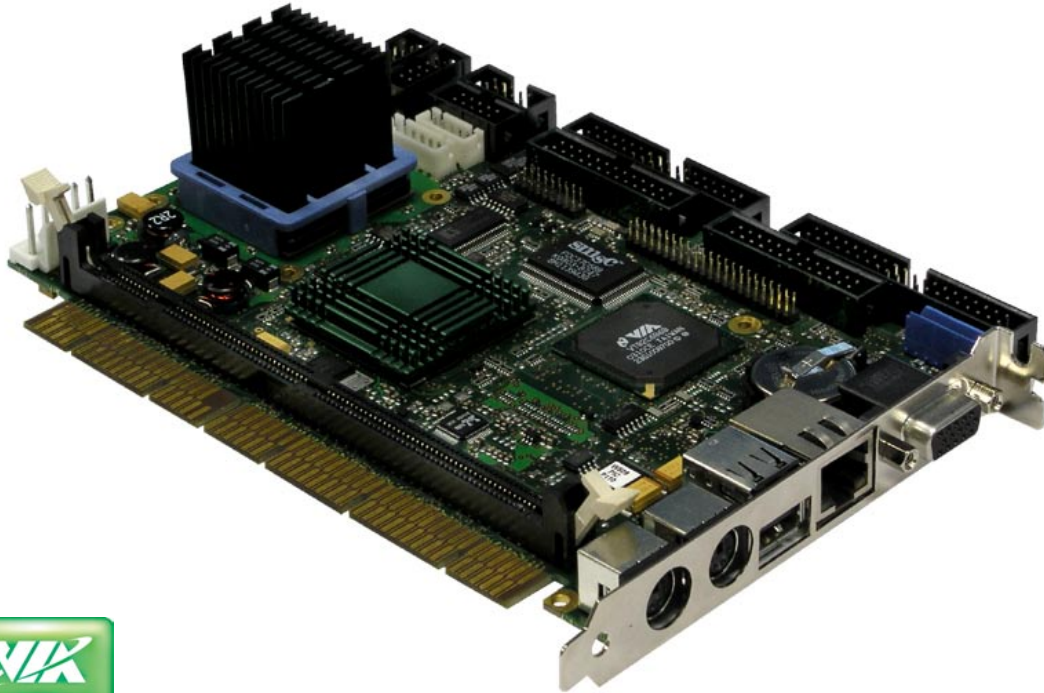


➤ *cool/MONSTER/VE*



- All-In-One half size VIA Eden™ PISA® Slot-CPU
- VIA Eden™ - Fanless Operation at 300 MHz
- Visualization and Communication
- Up to 1 GByte SDRAM, 32 MByte VRAM, 4x COM, Sound, USB, LAN

► Product Overview

The coolMONSTER/VE is an „all in one“ Fanless VIA Eden™ based slot PC with consistent low power design. Despite the very compact half size format it's possible to integrate the PISA® (PISA®=PCI+ISA) bus and a full featured set of interfaces.

Beside all standard interfaces (four serial ports, one as RS32 or RS485, EPP/ECP parallel port, floppy EIDE, USB and IRDA port) a AC'97 compatible Stereo audio CODEC and a high speed video controller (S3 Savage 4) is available. Flatpanel displays with highest resolutions can be connected via the dual LVDS easily. Up to 32 MByte of video memory are already on chip at the graphic controller.

Two EIDE ports, one with 40-pin connector, the other with 44-pin 2 mm connector, are available to support various mass storage devices. The Kontron chipDISK, a IDE compatible flash disk up to 256 MByte, can be attached and mechanically fixed, directly to this connector.

Additionally the coolMONSTER is equipped with a switchable Ethernet 10/100Base-T interface (Twisted Pair).

For highest reliability an intelligent watchdog timer is integrated and fanless use enhances system reliability.

► Technical Information

Processor
VIA Eden 300 MHz, passively cooled
Chipset
VIA TwisterT
DRAM
up to 1 GByte SDRAM-DIMM
Sound
AC97 compatible Stereo audio CODEC, Line-In, Line-Out stereo, MIC-In mono, 3D audio effects
Video Controller
S3 Savage4, up to 32 MByte VRAM UMA
LCD/CRT
Yes/Yes
LCD
LVDS interfaces (JILI)
Serial interfaces
4x RS232 (16 Byte FIFO), one switchable to RS485

Ethernet
10/100 Base-T TwistedPair RJ45, Davicom 9102A
IrDA interface
Sharp-IR and IrDA SIR
Harddisk
EIDE interface UDMA-100
Other features
USB, Floppy, Parallel port (EPP/ECP, bi-directional), Mouse, Keyboard
Dimensions
175 x 125 mm (6,9 x 4,9")
Power Consumption
with Eden 600 approx. 14 Watts (@512 MByte SDRAM, 48 MByte IDE Flash, DOS PROMPT)
Temperature (*)
operation: 0° to 60°C, storage: -10° to 85°C
Humidity
operation: 10% to 90%, storage: 5% to 95% (non condensing)

(*) Ask about wider temperature ranges

► Ordering Information

Article	Part.-No.	Description
CMP/VE 300	07028-0000-30-1	VIA Eden 300 MHz
	common features	TwisterT chipset for CRT, LCD, 32 MByte VRAM, 4x COM, USB, Sound, LAN, LPT, Keyboard, Mouse, SDRAM-DIMM

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